

Appendix 1. AMERICAN BURYING BEETLE SURVEY DATA COLLECTION FORM

Project Name: _____ Project Type: _____ Project Description: _____
(linear / area)
Time Checked¹: _____ Date Checked¹: _____ Transect #: _____ Survey Night: 1 2 3 4 5 6 7 8 9 10
(M/D/Y)
Survey Company: _____ Permittee: _____ Action Agency/Proponent: _____
(Spell out)
State: _____ County: _____ Legal Description²: _____ General Location: _____
(Sec Township Range) (nearest town, city, landmark)
Decimal Degrees²: _____ / _____
(NAD 83)
Vegetation Type: _____ Primary Soil Type: _____
(Prairie, woodland, forest, pasture) (Refer to County Soil Survey)
Temp³: Min _____ Max _____ °F Wind >10 mph?⁴ **yes or no**
Additional survey night(s) required because of wind or temperature? **yes or no**

Trap No.	<i>americanus</i>	<i>orbicollis</i>	<i>tomentosus</i>	<i>pustulatus</i>	<i>marginatus</i>	<i>carolinus</i>	<i>sayi</i>	<i>Other carrion beetles</i>
1. U D ⁵								
2. U D								
3. U D								
4. U D								
5. U D								

Additional survey night(s) required because of disturbance⁶?: **yes or no**

List each individual American burying beetle captured below and complete the appropriate columns.

ABB	Male	Female	Old ⁷	New ⁷	Age Unknown ⁷	Recapture ⁸	Newly Marked ⁹	Tag #	Death	Pronotum Width
1										
2										
3										
4										
5										
6										
7										
8										
9										

Comments: _____

1. Date and time refer to when trap checked;
2. Check that legal description fits decimal degrees location. Lat/long MUST be in decimal degrees, NAD 83
3. Max/Min temp from 7pm to 7am prior to checking traps, must use data from www.wunderground.com
4. Wind exceeds 10 mph > than 20% of time between 7 pm to 7 am, must use data from www.wunderground.com.
5. Circle U= trap undisturbed, bait present; D= trap disturbed AND/OR bait gone;
6. If any 5-gallon bucket traps are disturbed an additional night of survey is required for that transect. For transects using 5 1-gallon bucket traps, the disturbance of 2 or more buckets over the 3 day period requires an additional night of trapping.
7. OLD=breeding adult; NEW=newly enclosed adult; UNK=age cannot be determined.
8. Recaptures refer to color and number of bee tag on beetles that have been previously marked.
9. Newly marked males and females refers to color, number of bee tag, and age of beetle (e.g. R54[old]).

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